

City of Fort Lauderdale

CENTRAL REGION WASTEWATER ENTERPRISE FUND

FY 2013 FINANCIAL SUSTAINABILITY ANALYSIS

Revised Final Report

Date of Report: April 30, 2014

**Basis of the Analysis:
FY 2013 Financial Results and
FY 2014 Budget Projected into the
Future Years of the Forecast Period**

Prepared by:

BURTON & ASSOCIATES

UTILITY RATES ■ ASSESSMENTS ■ FINANCIAL PLANNING

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SECTION 1. INTRODUCTION

Burton & Associates has conducted a Financial Sustainability Analysis (Analysis) for the Central Region Wastewater Enterprise Fund (Utility) of the City of Fort Lauderdale (City). The following sections of this report describe in detail the assumptions, procedures, results, as well as the conclusions and recommendations of the Analysis.

1.1 BACKGROUND

Under the Broward County Wastewater Facility Plan, developed in March of 1978 in accordance with PL 92-500, the City was designated as the lead agent in the Central Wastewater Region (Central Region) to provide wastewater collection and treatment services. The Central Region includes the Cities of Fort Lauderdale, Oakland Park and Wilton Manors; portions of the City of Tamarac and the Town of Davie. Participating municipalities and entities own and operate their own wastewater collection systems consisting of gravity sewers, lift stations, and force mains. The regional facilities, including the George T. Lohmeyer Regional Wastewater Treatment Plant (WWTP), Repump Stations A, B and E, and force mains connecting the Repump Stations to the plant, are owned by the City and are designed to intercept wastewater at the point of connection and then transport, treat, and dispose of all wastewater collected within the Central Region.

All members of the Central Region (including the City from its Water and Sewer Enterprise Fund) pay a wastewater treatment rate per 1,000 gallons for the transport, treatment, and disposal services provided by the facilities of the City that constitute its Regional Sewer System. At the end of each fiscal year, the expenses of the Utility and volumes of each user are “true-up” to reflect actual expenses and wastewater flows. Historically, the members of the Central Region have typically received a credit (i.e. reduction to their charges) as part of the true-up calculation, due to conservative budgeting.

In addition to operating expenses, the Utility must address additional cost requirements for increasing annual renewal & replacement requirements as well as a City-wide return on investment policy, while continuing to ensure adequate reserves and debt service coverage.

In light of these and other financial challenges, the City retained Burton & Associates to perform a comprehensive Financial Sustainability Analysis for the Utility.

1.2 OBJECTIVE

The objective of this Analysis is to develop a plan of rate revenue increases that will ensure sufficient revenue will be generated to support the funding of all of the Utility's requirements (including operation and maintenance expenses, inter-fund transfers, renewal and replacement and other capital costs, debt service, and adequate reserves) over a ten-year projection period.

SECTION 2. ANALYSIS

2.1 DESCRIPTION

This section presents the financial management plan and corresponding plan of rate revenue increases developed during the Analysis. The first sub-section presents a description of the base data, assumptions, and policies reflected in the Analysis. The second sub-section provides the results of the Analysis, while Appendix A includes detailed schedules supporting the financial management plan identified herein.

In the Analysis, we developed alternative ten-year financial management plans and corresponding rate revenue adjustment plans through several interactive work sessions with Utility staff. During these work sessions we examined the impact of various alternatives upon key financial indicators by use of graphical representations projected on a large viewing screen from our computer rate models. In this way, we developed rate revenue adjustment plans for each alternative financial management plan identified, including the recommended financial management plan presented in this report, which will allow the Utility to fund its system requirements throughout the projection period and meet its financial performance goals and objectives.

In order to initialize our analysis, we obtained the historical and budgeted financial information regarding the operation of the Utility. We also obtained the Utility's multi-year renewal and replacement requirements as prepared by the City's consulting engineer. We documented the Utility's current debt obligations and the covenants, or promises made to bond holders or other lenders, relative to net income coverage requirements, reserves, etc. We also counseled with City staff regarding other assumptions and policies that would affect the financial performance of the Utility such as demands, bond coverage levels, additional expenses outside of the Utility's budgets, required levels of operating and capital reserves, earnings on invested funds, escalation rates for operating costs, etc.

All of this information was entered into our proprietary Financial Analysis and Management System (FAMS-XL©) interactive model. The FAMS-XL© model produced a ten-year projection of the sufficiency of the current revenues to meet all of the Utility's current and projected financial requirements and determined the level of rate revenue increases necessary in each year of the projection period to provide sufficient revenues to fund all of the Utility's cost requirements.

FAMS-XL© utilizes all projected available and unrestricted funds in each year of the projection period to pay for capital projects. The model is set up to reflect the rules of cash application as defined and applied by the City, and produces a detailed summary of the funding sources to be used for each project in the capital improvement program.

2.2 ASSUMPTIONS

We communicated with City staff regarding the following assumptions, base data, policies, and parameters utilized in the Analysis:

Beginning Fund Balances – The FY 2012 Comprehensive Annual Financial Report and supporting data provided by City staff as of September 30, 2012, were used to establish the beginning FY 2013 balances for each of the various funds for the Utility.

Wastewater Flow Projections – The wastewater flows utilized in the analysis for revenue projections of each member of the Central Region reflect an evaluation of historical results from FY 2008 – FY 2012 and seven months of year-to-date FY 2013 data. The following table presents a summary of the total wastewater flow (average daily flow in million gallons) billed to all members of the Central Region from FY 2008 – FY 2012, while Schedule 4 of Appendix A presents a summary of projected wastewater flows by member from FY 2013 – FY 2023. As can be seen from the following table, the typical annual billed wastewater volume has averaged about 37 million gallons per day (mgd). Based upon a review of the historical flow data and discussions with City staff, the Analysis assumes an average annual total billed wastewater flow of 39 mgd for the Utility in full year 2013.

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ANALYSIS**

FISCAL YEAR	W. Manors	Ft. Lauderdale	Tamarac	O. Park	Davie	VOLUME (ADF in MGD)
2013 (Est.)	1.54	31.51	.21	.21	.04	39.00
2012	1.43	34.91	.27	6.13	.05	42.79
2011	1.51	28.18	.16	5.39	.03	35.27
2010	1.68	30.37	.20	6.65	.03	38.93
2009	1.84	31.01	.22	3.92	.02	37.02
2008	2.31	29.16	.21	4.97	.03	36.68

Operating Expenditures – The FY 2013 operating cost requirements are based upon the FY 2013 Budget and seven months of FY 2013 actual operating results, include all operating and maintenance expenses, debt service requirements, transfers for capital investment, inter-fund transfers, and minor capital outlay. In FY 2014, operating expenditures were calibrated in total to the FY 2014 Adopted Budget, and then projected annually thereafter based upon assumed cost escalation factors for individual expense categories.

GERS Scenarios – Financial department staff also provided a report from GRS in relation to the outstanding pension obligations based on 4 different scenarios, which varied the assumed rate of return, in addition to other variables. The financial model was built to take this in to account and allowed for the effects of any of the scenarios to be modeled & their impacts quantified.

Return on Investment charge – Based upon the City’s Adopted Budget for FY 2014, the Utility will now be required to transfer approximately \$3.1 million annually to the City’s General Fund as part of the City’s Return on Investment Fee (ROI) policy for its enterprise funds. This charge is projected into future years based upon the formula provided by staff.

Cost Escalation – Annual cost escalation factors for the various types of operating and maintenance expenses were provided by City staff and applied in each year of the projection period beginning in FY 2015.

Debt Service and Coverage – The enterprise fund has a covenant to maintain net revenues (gross revenues minus operating expenses) that are at least 1.25 times greater than the annual debt service expense (i.e. the annual principal and interest payments) for its senior lien debt and 1.15 times its annual debt service expenses for its State Revolving Fund (SRF) loans.

It is important to note that these coverage amounts are minimum requirements. To the extent the Utility is unable to meet these requirements it could be found in technical default, resulting in the Utility having its credit rating downgraded, which would affect the interest rate and terms of future financing initiatives. As a policy decision, utilities often measure revenue sufficiency and set rates based upon a higher coverage level so as to ensure compliance with these covenants in the event future projections of revenue and expenses do not occur as predicted. As such, given current economic conditions and our recent experience with municipal rating agencies, we have used a debt service coverage target of 1.50 on senior lien and SRF debt service during the projection period to ensure that the Utility can access credit markets at the most favorable terms in the future.

Minimum Operating Reserve Balances – The financial management plan presented in this report assumes that the Utility will maintain a minimum fund balance in its operating fund of at least one half of one month of operations & maintenance (O&M) expenses. This level of reserve is consistent with 1) our industry experience for similar systems, 2) the findings of reserve studies conducted by the American Water Works Association (AWWA), and 3) the level of reserves the Utility rates should provide for as identified within the service agreements between the City and the members of the Central Region.

Renewal & Replacement Funding – The City's agreements with the members of the Central Region also include the requirement for the City's wastewater consulting engineer to prepare an annual schedule of projected facility renewal and replacement (R&R) costs over a 20 year span for the Utility. This Analysis reflects the most current schedule of annual R&R costs per the *Regional Wastewater System 2013 Renewal and Replacement Requirement Analysis* conducted by CDM in March of 2013.

2.3 RESULTS

Due to increased levels of flow expected in 2013, it is anticipated that the regional utility system will be able to forego any rate adjustments in 2013 & 2014. The system will provide sufficient revenues in order to fund the ongoing operating and maintenance, renewal & replacement, reserve targets, and debt service coverage requirements of the Utility. Although it is suggested that the utility closely watch the flows to the plant as this analysis has assumed a historically high flow in 2013 that normalizes in 2016 and beyond. After FY 2015 it is expected that the utility will need to make yearly rate adjustments.

The recommended financial management plan and corresponding plan of rate adjustments is based upon the revenue and expense information, beginning balances, assumptions, and plan of finance as described in this section of the report. Appendix A includes several detailed schedules presenting key aspects of the ten-year financial management plan, while the required rate adjustment plan for the immediate five-year planning period is presented in the table below:

Table 1. Recommended Regional Wastewater Treatment Rate Revenue Increases

	<u>FY 14</u>	<u>FY 15</u>	<u>FY 16</u>	<u>FY 17</u>	<u>FY 18</u>
Effective Date	10/1/11	10/1/12	10/1/13	10/1/14	10/1/15
Rate Increase	0.00%	0.00%	1.54%	9.68%	5.12%
Rate per 1,000 gallons:	\$1.44	\$1.44	\$1.46	\$1.60	\$1.68

2.4 CONCLUSIONS & RECOMMENDATIONS

We have reached the following conclusions and recommendations regarding the sufficiency of the Utility's current rate over the projection period:

- Based upon the assumptions and base data described herein, the current rate will generate sufficient revenue to satisfy the Utility's annual operating expenses, renewal & replacement requirements, debt service, and operating reserve requirements through FY 2015. Thereafter the utility may require rate adjustments in order to meet the current projection of the Utility's cost requirements through FY 2018, the annual rate increases identified herein are required.

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- In addition, the City should perform updates to this analysis on an annual or bi-annual basis to evaluate the adequacy of its revenues and plan of annual rate increases. Doing so will allow for the incorporation of updated revenue and expense information and changes in economic conditions and wastewater flows so that any necessary adjustments to planned rate increases can be made to allow the Utility to meet its requirements during the projection period and minimize rate impacts from future events which occur differently than currently projected.

Appendix A – Supporting Schedules

Schedule 1 contains the assumptions of the analysis

Schedule 2 contains the cost escalation factors utilized to forecast the utilities operating expenses

Schedule 3 contains the historical volumetric flows for the regional sewer system

Schedule 4 contains projections of wastewater volumes throughout the 10 year forecast period

Schedule 5 contains the end of FY 2012 fund balances that serve as the FY 2013 beginning balances of the analysis

Schedule 6 identifies the annual capital expenditures utilized in this analysis

Schedule 7 contains a detailed list of all projected cash outflows from FY 2013-23

Schedule 8 contains a detailed list of all projected cash inflows from FY 2013-23

Schedule 9 contains the FAMS-XL© Control Panel that presents a summary of the financial management plan, including annual rate increases, debt service coverage ratios, total CIP spending levels, rates, and fund balances

Schedule 10 presents annual net income, debt service coverage, and cash flow results

Schedule 11 shows the funding sources utilized to pay for the capital expenditures included in the analysis

Schedule 12 presents a fund-level cash flow reconciliation, providing the beginning balance in each year, the amount utilized for project funding or payment of debt service, interest calculations, and the end of year fund balance.

Assumptions

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<u>Capital Spending:</u>											
Annual Capital Budget (Future Year Dollars)	\$6,464,900	\$5,920,004	\$7,868,145	\$7,369,981	\$5,212,865	\$3,268,325	\$6,907,858	\$2,366,145	\$1,968,300	\$4,299,713	\$2,848,593
Annual Percent Executed	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<u>Average Annual Interest Earnings Rate:</u>											
On Fund Balances:	0.25%	0.50%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
<u>Operating Budget Reserve:</u>											
Target (Number of Months of Reserve)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
<u>Operating Budget Execution Percentage:</u>											
Personal Services	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Operations and Maintenance	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%

(1) 2014 growth in MDG is used to base line the model to recent historical trends, followed by a return to normal conditions in 2015-2023

Cost Escalation Factors

Operating Expense Category		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
<u>PERSONAL SERVICES</u>										
PERMANENT SALARIES BY CATEGORY										
Management		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Teamster		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Professional		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
Supervisory		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
ASSIGNMENT PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CELLPHONE ALLOWANCE		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
COMP ABSENCES	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EXPENSE ALLOWANCES		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HEALTH INSURANCE		8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
LONGEVITY ACCR	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LONGEVITY PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MILEAGE REIMBURSE		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
OTHER TERM PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OVERTIME 1.5X PAY		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
OVERTIME 1X PAY		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
P&F INCENTIVE PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PAYROLL ACCRUAL		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
PENSION - DEF CONT	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PENSION - GENERAL EMP		5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
PHYSICAL EXAMS-MGMT		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
POST EMPLOYMENT HEALTH OBLIGATION		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SHIFT DIFFERENTIAL	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SICK CONV TO CASH	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SICK TERMINATION PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SOC SEC/MEDICARE	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
UNEMPLOYMENT COMP		5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
UPGRADE PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

BURTON & ASSOCIATES**City of Fort Lauderdale**

Cost Escalation Factors

Operating Expense Category		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
VAC MGMT CONV	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
VACATION TERM PAY	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WELLNESS INCENTIVES		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
YEAR END FICA ACCR	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SUPPLEMENTAL FICA	(1)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<u>OPERATIONS</u>										
ACCT & AUDITING		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
AD/MARKETING		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
AUTO LIABILITY		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
BLDG REP & MAINT		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
BLDG REP MATERIALS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
CERTIFICATION TRAIN		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
CHLORINE		4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
COAGULANTS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
COMPONENTS/PARTS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
COMPUTER SOFTWARE		2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
CONFERENCES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
COSTS/FEES/PERMITS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
CUSTODIAL SERVICES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
DATA PROC SERV		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
DATA PROC SUPPLIES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
DIESEL FUEL		4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
DISPOSAL (TIP) FEES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
ELECTRICAL SUPPLIES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
ELECTRICITY		4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
EMP PROCEEDINGS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
EQUIP REP & MAINT		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
FIDELITY BONDS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%

Cost Escalation Factors

Operating Expense Category	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
GASOLINE	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
GENERAL LIABILITY	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
HEAVY EQUIP RENT	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
HYDROGEN PEROXIDE	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
IMP REP & MAINT	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
IMP REP MATERIALS	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
INDIRECT ADMIN SERV	(2) 2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
JANITORIAL SUPPLIES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
LABORATORY SUP	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
LAWN & TREE SERVICE	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
LEGAL SERVICES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
MEDICAL SERVICES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
MEDICAL SUPPLIES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
MEETINGS	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
MEMBERSHIPS/DUES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OFFICE EQUIP < \$5000	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OFFICE EQUIP RENT	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OFFICE SUPPLIES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OIL & LUBRICANTS	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
OTHER CHEMICALS	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
OTHER CONTRIBUTIONS	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OTHER EQUIP RENT	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OTHER PROF SERV	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OTHER SERVICES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OTHER SUPPLIES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OVERHEAD-FLEET	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OVERHEAD-INTRADEPT	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
OVERHEAD-STORES	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
POLYMERS	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%

Cost Escalation Factors

Operating Expense Category		FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
POSTAGE		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
PRINTING SERV - EXT		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
PRIZES & AWARDS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
PROCUREMENT CARD		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
PROP/FIRE INSURANCE		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
PUB OFFICIALS LIAB		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
RETIREE HEALTH BENE		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SAFETY SHOES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SAFETY/TRAIN MAT		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SCHOOLS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SERVCHG-CITY ATTY	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-FLEET O&M	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-FLEET REPLACEMENT	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-HUMAN RESOURCES	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-NON FLEET	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-PARKS & REC	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-PRINT SHOP	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-PUB WORKS	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SERVCHG-RADIO SHOP	(2)	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%
SLUDGE DISPOSAL		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SODIUM HYDROXIDE		4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
SODIUM HYPOCHLORITE		4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
SOLID WASTE DISP		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
SPECIAL DELIVERY		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
TELEPHONE/CABLE TV		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
TIRES		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
TOOLS/EQUIP < \$5000		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
UNIFORMS		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
WATER/SEW/STORM		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%

Cost Escalation Factors

Operating Expense Category	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
WORKERS' COMP	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
WRITEOFF A/R & OTHER	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
COMPUTER EQUIPMENT	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
OTHER EQUIPMENT	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%	2.50%
ROI ADMIN CHG	(3) N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SERVCHG-INFO SYS	2.48%	2.63%	2.66%	2.68%	2.71%	2.73%	2.76%	2.79%	2.81%

Note: (1) Certain personal expenses are calculated a percentage of salaries, rather than escalated

(2) This Escalation is based on the annual average escalation of operations and maintenance

(3) ROI is calculated using the formula provided by staff

Regional Sewer Volume History

Fiscal Year Ending:	2005	2006	2007	2008	2009	2010	2011	2012
W. MANORS								
Total Volume (MGD)	1.96	1.53	1.86	2.31	1.84	1.68	1.51	1.43
Growth (MGD)	N/A	-0.42	0.33	0.45	-0.47	-0.17	-0.17	-0.08
% Change	N/A	-21.59%	21.34%	24.33%	-20.30%	-9.17%	-9.94%	-5.20%
FT. LAUD.								
Total Volume (MGD)	30	31	30	29	31	30	28	35
Growth (MGD)	N/A	0.85	-0.32	-1.02	1.85	-0.64	-2.19	6.73
% Change	N/A	2.86%	-1.06%	-3.39%	6.36%	-2.07%	-7.21%	23.88%
TAMARAC								
Total Volume (MGD)	0.17	0.17	0.20	0.21	0.22	0.20	0.16	0.27
Growth (MGD)	N/A	-0.01	0.03	0.01	0.01	-0.02	-0.03	0.11
% Change	N/A	-3.41%	18.13%	7.02%	5.63%	-11.11%	-17.14%	67.84%
O. PARK								
Total Volume (MGD)	4.98	4.91	4.60	4.97	3.92	6.65	5.39	6.13
Growth (MGD)	N/A	-0.07	-0.31	0.37	-1.05	2.74	-1.27	0.74
% Change	N/A	-1.35%	-6.30%	7.94%	-21.19%	69.93%	-19.03%	13.78%
DAVIE								
Total Volume (MGD)	0.04	0.03	0.03	0.03	0.02	0.03	0.03	0.05
Growth (MGD)	N/A	0.00	0.00	-0.01	-0.01	0.01	0.00	0.02
% Change	N/A	-4.14%	0.33%	-17.80%	-22.90%	48.02%	6.27%	53.71%
Total Volume MGD								
Total Volume (MGD)	36.80	37.15	36.88	36.68	37.02	38.93	35.27	42.79
Growth (MGD)	N/A	0.35	-0.27	-0.20	0.34	1.91	-3.65	7.52
% Change	N/A	0.95%	-0.74%	-0.53%	0.92%	5.16%	-9.39%	21.32%

Volume Forecast

	FY 2013	FY 2014(1)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
W. MANORS											
Total Volume (MGD)	1.54	1.69	1.65	1.61	1.57	1.53	1.49	1.45	1.45	1.45	1.45
Growth (MGD)	0.11	0.15	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	0.00	0.00	0.00
% Change	7.54%	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%
FT. LAUD.											
Total Volume (MGD)	31.15	34.18	33.39	32.59	31.79	30.99	30.19	29.39	29.39	29.39	29.39
Growth (MGD)	-3.76	3.03	-0.80	-0.80	-0.80	-0.80	-0.80	-0.80	0.00	0.00	0.00
% Change	-10.76%	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%
TAMARAC											
Total Volume (MGD)	0.21	0.23	0.23	0.22	0.22	0.21	0.20	0.20	0.20	0.20	0.20
Growth (MGD)	-0.06	0.02	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00
% Change	-22.84%	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%
O. PARK											
Total Volume (MGD)	6.06	6.65	6.49	6.34	6.18	6.02	5.87	5.71	5.71	5.71	5.71
Growth (MGD)	-0.07	0.59	-0.16	-0.16	-0.16	-0.16	-0.16	-0.16	0.00	0.00	0.00
% Change	-1.19%	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%
DAVIE											
Total Volume (MGD)	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Growth (MGD)	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
% Change	-24.57%	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%
Total Volume MGD											
Total Volume (MGD)	39.00	42.79	41.79	40.79	39.79	38.79	37.79	36.79	36.79	36.79	36.79
Growth (MGD)	-3.80	3.80	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00	0.00	0.00	0.00
% Change	-8.87%	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%

(1) 2014 growth in MDG is used to base line the model to recent historical trends, followed by a return to normal conditions in 2015-2023

Schedule 5 – Beginning Balances

FY 2012 Beginning Balances

Source: FY 2012 CAFR for Fiscal Year Ending September 30, 2012

	Revenue Fund (451)	Renewal & Replacement	Capital Projects Fund (458)	Restricted Reserves
CURRENT UNRESTRICTED ASSETS				
Cash and Cash Equivalents	\$ 6,909,439	\$ 4,835,786	\$ 5,185,768	\$ 792,348
Investments	-	-	-	-
Accounts Receivable, net of allowance for uncollectibles	(2,238,067)	-	-	-
Due from other funds	-	-	-	-
Intergovernmental receivables	-	-	-	-
Revenue Bond Covenant Account (O&M Reserve)	-	-	-	-
TOTAL CURRENT ASSETS	\$ 4,671,371	\$ 4,835,786	\$ 5,185,768	\$ 792,348
Less: Vouchers Payable	(1,926,598)	-	-	-
Less: Contracts Payable	(92,874)	-	-	-
Less: Accrued Payroll	(67,316)	-	-	-
Less: Cur Portion Long-term Debt	-	-	-	-
Less: Accrued Interest	-	-	-	(224,602)
CALCULATED FUND BALANCE (ASSETS - LIABILITIES)	\$ 2,584,583	\$ 4,835,786	\$ 5,185,768	\$ 567,746
Plus/(Less): Reconciling Adjustment to Reflect FYE 2012 True-Up	(885,851)	-	-	-
Plus/(Less): Outstanding Encumbrances for Appropriated CIP	(713,822)	-	-	-
Plus/(Less): Funds Encumbered for CIP Carry Forwards	-	-	-	-
NET UNRESTRICTED FUND BALANCE	\$ 984,910	\$ 4,835,786	\$ 5,185,768	\$ 567,746
Fund Summary				
Capital Projects Fund (458)	\$ 5,185,768			
Renewal & Replacement	\$ 4,835,786			
Revenue Fund (451)	\$ 984,910			
Restricted Reserves	\$ 567,746			
Total Consolidated Fund Balance	\$ 11,574,211			

Schedule 6 – Capital Improvement Program

REGIONAL SEWER SYSTEM APPENDIX A

Capital Improvement Program											Schedule 6
Project Description	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Fund 451 CARRY FORWARDS											
G T LOHMEYER WWTP IMPROVEMENTS	\$ 271,213	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
ADVERTISING/PERMITS/PRINTING BEFORE BIDS	52,679	-	-	-	-	-	-	-	-	-	-
GTL STURCTURE & WELL IMPROVEMENTS	138,683	-	-	-	-	-	-	-	-	-	-
GTL PUB AD SYSTEM, LOX & CONCR IMPRV	1,414,101	-	-	-	-	-	-	-	-	-	-
GTL 48-IN FM CONNECT AT PRETREAT BLDG	186,499	-	-	-	-	-	-	-	-	-	-
GTL BUILDING PARAPET AND ENVELOPE REPAIR	123,697	-	-	-	-	-	-	-	-	-	-
GTL DEWATERING SLUDGE FEED MIXERS REPLAC	42,250	-	-	-	-	-	-	-	-	-	-
GTL EMERGENCY GENERATOR CONNECTION	130,741	-	-	-	-	-	-	-	-	-	-
48 IN WASTEWATER PIPE EMERGENCY REPL	217,537	-	-	-	-	-	-	-	-	-	-
GTL PLANT REHABILITATION OF PCCP PIPE	36,417	-	-	-	-	-	-	-	-	-	-
REGIONAL WASTEWATER METER REPLACEMENT	100,000	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
458 CENTRAL REGIONAL W/W SYSTEM PROJECTS											
GTL WWTP 54" FORCE MAIN EMERGENCY RP	136,577	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-
2014 PROPOSED CIP											
REGIONAL R&R	3,614,506	5,804,004	7,868,145	7,369,981	5,212,865	3,268,325	6,907,858	2,366,145	1,968,300	4,299,713	2,848,593
Total CIP Budget (in current dollars)	\$ 6,464,900	\$ 5,804,004	\$ 7,868,145	\$ 7,369,981	\$ 5,212,865	\$ 3,268,325	\$ 6,907,858	\$ 2,366,145	\$ 1,968,300	\$ 4,299,713	\$ 2,848,593
Cumulative Projected Cost Escalation	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Resulting CIP Funding Level	\$ 6,464,900	\$ 5,804,004	\$ 7,868,145	\$ 7,369,981	\$ 5,212,865	\$ 3,268,325	\$ 6,907,858	\$ 2,366,145	\$ 1,968,300	\$ 4,299,713	\$ 2,848,593
Annual CIP Execution Percentage	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Final CIP Funding Level	\$ 6,464,900	\$ 5,920,004	\$ 7,868,145	\$ 7,369,981	\$ 5,212,865	\$ 3,268,325	\$ 6,907,858	\$ 2,366,145	\$ 1,968,300	\$ 4,299,713	\$ 2,848,593

Schedule 7 – Cash Out

REGIONAL SEWER SYSTEM
APPENDIX A

Projection of Cash Outflows

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
1 CENTRAL REGIONAL W/W SYSTEM - OPERATIONS											
2 OTHER SERVICES	\$ -	\$ 15,973	\$ 16,292	\$ 16,618	\$ 16,951	\$ 17,290	\$ 17,635	\$ 17,988	\$ 18,348	\$ 18,715	\$ 19,089
3 SUBTOTAL CENTRAL REGIONAL W/W SYSTEM - OPERATIONS	\$ -	\$ 15,973	\$ 16,292	\$ 16,618	\$ 16,951	\$ 17,290	\$ 17,635	\$ 17,988	\$ 18,348	\$ 18,715	\$ 19,089
4 Operations Execution Percentage	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
5 SUBTOTAL AT EXECUTION PERCENTAGE	\$ -	\$ 14,695	\$ 14,989	\$ 15,289	\$ 15,595	\$ 15,907	\$ 16,225	\$ 16,549	\$ 16,880	\$ 17,218	\$ 17,562
6 CENTRAL REGIONAL WASTEWATER INSURANCE											
7 Personal Services											
8 HEALTH INSURANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9 UNEMPLOYMENT COMP	-	-	-	-	-	-	-	-	-	-	-
10 WORKERS' COMP	-	65,817	67,462	69,149	70,878	72,650	74,466	76,328	78,236	80,192	82,196
11 SUBTOTAL	\$ -	\$ 65,817	\$ 67,462	\$ 69,149	\$ 70,878	\$ 72,650	\$ 74,466	\$ 76,328	\$ 78,236	\$ 80,192	\$ 82,196
12 PERSONAL SERVICES EXECUTION PERCENTAGE	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
13 SUBTOTAL AT EXECUTION PERCENTAGE	\$ -	\$ 65,817	\$ 67,462	\$ 69,149	\$ 70,878	\$ 72,650	\$ 74,466	\$ 76,328	\$ 78,236	\$ 80,192	\$ 82,196
14 OPERATIONS											
15 SERVCHG-PUB WORKS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16 AUTO LIABILITY	-	15,036	15,186	15,338	15,492	15,647	15,803	15,961	16,121	16,282	16,445
17 FIDELITY BONDS	-	487	492	497	502	507	512	517	522	527	533
18 EMP PROCEEDINGS	-	5,298	5,351	5,404	5,459	5,513	5,568	5,624	5,680	5,737	5,794
19 GENERAL LIABILITY	-	20,710	20,710	20,710	20,710	20,710	20,710	20,710	20,710	20,710	20,710
20 PROP/FIRE INSURANCE	260,059	290,272	293,175	296,106	299,068	302,058	305,079	308,130	311,211	314,323	317,466
21 PUB OFFICIALS LIAB	-	-	-	-	-	-	-	-	-	-	-
22 OTHER CONTRIBUTIONS	12,428	12,428	12,552	12,678	12,805	12,933	13,062	13,193	13,324	13,458	13,592
23 SUBTOTAL	\$ 272,487	\$ 344,231	\$ 347,466	\$ 350,734	\$ 354,034	\$ 357,367	\$ 360,734	\$ 364,134	\$ 367,568	\$ 371,037	\$ 374,540
24 OPERATION EXECUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
25 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 215,265	\$ 316,693	\$ 319,669	\$ 322,675	\$ 325,711	\$ 328,778	\$ 331,875	\$ 335,003	\$ 338,163	\$ 341,354	\$ 344,577
26 SUBTOTAL CENTRAL REGIONAL WASTEWATER INSURANCE	\$ 215,265	\$ 382,510	\$ 387,131	\$ 391,824	\$ 396,589	\$ 401,428	\$ 406,341	\$ 411,331	\$ 416,399	\$ 421,546	\$ 426,773
31 LOHMEYER REGIONAL PLANT MAINTENANCE											
32 PERSONAL SERVICES											
33 PERMANENT SALARIES	\$ 796,221	\$ 823,891	\$ 844,488	\$ 865,600	\$ 887,240	\$ 909,422	\$ 932,157	\$ 955,461	\$ 979,347	\$ 1,003,831	\$ 1,028,927
34 VAC MGMT CONV	618	618	618	619	619	620	620	621	621	622	622
35 PAYROLL ACCRUAL	-	-	-	-	-	-	-	-	-	-	-
36 SICK CONV TO CASH	1,236	12,365	12,674	12,991	13,316	13,649	13,990	14,340	14,698	15,066	15,442
37 LONGEVITY PAY	11,550	13,614	13,954	14,303	14,661	15,027	15,403	15,788	16,183	16,587	17,002
38 ASSIGNMENT PAY	-	-	-	-	-	-	-	-	-	-	-
39 UPGRADE PAY	140	140	144	147	151	155	158	162	166	171	175
40 EXPENSE ALLOWANCES	960	960	960	960	960	960	960	960	960	960	960
41 CELLPHONE ALLOWANCE	360	360	360	360	360	360	360	360	360	360	360
42 OVERTIME 1.5X PAY	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000	24,000
43 OVERTIME 1X PAY	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
44 SICK TERMINATION PAY	-	-	-	-	-	-	-	-	-	-	-
45 VACATION TERM PAY	-	-	-	-	-	-	-	-	-	-	-
46 PENSION - GENERAL EMP	120,682	136,922	143,768	150,957	158,504	166,430	174,751	183,489	192,663	202,296	212,411
47 PENSION - DEF CONT	32,958	29,438	30,174	30,928	31,702	32,494	33,306	34,139	34,993	35,867	36,764
48 SOC SEC/MEDICARE	64,498	64,140	65,744	67,387	69,072	70,799	72,569	74,383	76,242	78,148	80,102

REGIONAL SEWER SYSTEM

APPENDIX A

Schedule 7 – Cash Out

Projection of Cash Outflows

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
49 YEAR END FICA ACCR	-	-	-	-	-	-	-	-	-	-	-
50 HEALTH INSURANCE	119,824	102,197	110,373	119,203	128,739	139,038	150,161	162,174	175,148	189,160	204,292
51 SUPPLEMENTAL FICA	1,913	1,913	1,961	2,010	2,060	2,112	2,164	2,218	2,274	2,331	2,389
52 SUBTOTAL	\$ 1,175,960	\$ 1,211,558	\$ 1,250,218	\$ 1,290,465	\$ 1,332,384	\$ 1,376,064	\$ 1,421,600	\$ 1,469,095	\$ 1,518,656	\$ 1,570,399	\$ 1,624,447
53 PERSONAL SERVICES EXECUTION PERCENTAGE	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
54 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 1,175,960	\$ 1,211,558	\$ 1,250,218	\$ 1,290,465	\$ 1,332,384	\$ 1,376,064	\$ 1,421,600	\$ 1,469,095	\$ 1,518,656	\$ 1,570,399	\$ 1,624,447
55 OPERATIONS											
56 OTHER PROF SERV	\$ 27,480	\$ 27,480	\$ 27,755	\$ 28,032	\$ 28,313	\$ 28,596	\$ 28,882	\$ 29,171	\$ 29,462	\$ 29,757	\$ 30,054
57 COSTS/FEES/PERMITS	2,000	2,000	2,020	2,040	2,061	2,081	2,102	2,123	2,144	2,166	2,187
58 LAWN & TREE SERVICE	16,619	10,000	10,100	10,201	10,303	10,406	10,510	10,615	10,721	10,829	10,937
59 OTHER SERVICES	18,124	10,000	10,100	10,201	10,303	10,406	10,510	10,615	10,721	10,829	10,937
60 CUSTODIAL SERVICES	5,000	5,000	5,050	5,101	5,152	5,203	5,255	5,308	5,361	5,414	5,468
61 DISPOSAL (TIP) FEES	48,000	70,000	70,700	71,407	72,121	72,842	73,571	74,306	75,049	75,800	76,558
62 SOLID WASTE DISP	5,000	-	-	-	-	-	-	-	-	-	-
63 SLUDGE DISPOSAL	-	-	-	-	-	-	-	-	-	-	-
64 OTHER EQUIP RENT	5,000	5,000	5,050	5,101	5,152	5,203	5,255	5,308	5,361	5,414	5,468
65 HEAVY EQUIP RENT	500	500	505	510	515	520	526	531	536	541	547
66 IMP REP MATERIALS	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
67 COMPONENTS/PARTS	413,800	405,900	409,959	414,059	418,199	422,381	426,605	430,871	435,180	439,532	443,927
68 EQUIP REP & MAINT	869,913	359,819	363,417	367,051	370,722	374,429	378,173	381,955	385,775	389,632	393,529
69 BLDG REP MATERIALS	10,000	10,000	10,100	10,201	10,303	10,406	10,510	10,615	10,721	10,829	10,937
70 BLDG REP & MAINT	13,500	10,000	10,100	10,201	10,303	10,406	10,510	10,615	10,721	10,829	10,937
71 IMP REP & MAINT	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
72 PRINTING SERV - EXT	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
73 TELEPHONE/CABLE TV	400	-	-	-	-	-	-	-	-	-	-
74 WATER/SEW/STORM	6,300	6,300	6,363	6,427	6,491	6,556	6,621	6,688	6,754	6,822	6,890
75 POSTAGE	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
76 CHLORINE	-	-	-	-	-	-	-	-	-	-	-
77 OTHER CHEMICALS	2,000	2,000	2,080	2,163	2,250	2,340	2,433	2,531	2,632	2,737	2,847
78 GASOLINE	2,272	4,276	4,447	4,625	4,810	5,002	5,202	5,411	5,627	5,852	6,086
79 DIESEL FUEL	164,418	47,732	49,641	51,627	53,692	55,840	58,073	60,396	62,812	65,325	67,938
80 OIL & LUBRICANTS	5,900	5,900	6,136	6,381	6,637	6,902	7,178	7,465	7,764	8,075	8,398
81 PROCUREMENT CARD	-	-	-	-	-	-	-	-	-	-	-
82 DATA PROC SUPPLIES	909	909	918	927	937	946	955	965	975	984	994
83 ELECTRICAL SUPPLIES	15,500	30,000	30,300	30,603	30,909	31,218	31,530	31,846	32,164	32,486	32,811
84 JANITORIAL SUPPLIES	3,500	3,500	3,535	3,570	3,606	3,642	3,679	3,715	3,752	3,790	3,828
85 LABORATORY SUP	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
86 MEDICAL SUPPLIES	100	100	101	102	103	104	105	106	107	108	109
87 OFFICE EQUIP < \$5000	700	700	707	714	721	728	736	743	750	758	766
88 OFFICE SUPPLIES	200	200	202	204	206	208	210	212	214	217	219
89 SAFETY/TRAIN MAT	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
90 SAFETY SHOES	1,200	1,200	1,212	1,224	1,236	1,249	1,261	1,274	1,287	1,299	1,312
91 TOOLS/EQUIP < \$5000	-	7,968	8,048	8,128	8,209	8,292	8,374	8,458	8,543	8,628	8,714
92 UNIFORMS	1,750	1,750	1,768	1,785	1,803	1,821	1,839	1,858	1,876	1,895	1,914
93 OTHER SUPPLIES	3,911	3,911	3,950	3,990	4,030	4,070	4,111	4,152	4,193	4,235	4,277
94 SPECIAL DELIVERY	-	-	-	-	-	-	-	-	-	-	-
95 COAGULANTS	-	-	-	-	-	-	-	-	-	-	-

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		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
96	RETIREE HEALTH BENE	11,800	14,400	14,544	14,689	14,836	14,985	15,135	15,286	15,439	15,593	15,749
97	SERVCHG-PARKS & REC	-	-	-	-	-	-	-	-	-	-	-
98	SERVCHG-RADIO SHOP	-	-	-	-	-	-	-	-	-	-	-
99	SERVCHG-PUB WORKS	10,000	10,000	10,248	10,517	10,797	11,086	11,386	11,697	12,020	12,355	12,703
100	SERVCHG-FLEET REPLACEMENT	92,520	-	-	-	-	-	-	-	-	-	-
101	SERVCHG-FLEET O&M	13,380	26,280	26,931	27,640	28,374	29,134	29,923	30,741	31,589	32,469	33,383
102	SERVCHG-NON FLEET	1,000	1,000	1,025	1,052	1,080	1,109	1,139	1,170	1,202	1,236	1,270
103	SERVCHG-PRINT SHOP	-	-	-	-	-	-	-	-	-	-	-
104	AUTO LIABILITY	6,431	-	-	-	-	-	-	-	-	-	-
105	SUBTOTAL	\$ 1,785,128	\$ 1,089,825	\$ 1,103,072	\$ 1,116,594	\$ 1,130,353	\$ 1,144,355	\$ 1,158,607	\$ 1,173,115	\$ 1,187,887	\$ 1,202,932	\$ 1,218,256
106	OPERATION EXCUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
107	SUBTOTAL AT EXECUTION PERCENTAGE	\$ 1,410,251	\$ 1,002,639	\$ 1,014,826	\$ 1,027,267	\$ 1,039,925	\$ 1,052,807	\$ 1,065,918	\$ 1,079,266	\$ 1,092,856	\$ 1,106,697	\$ 1,120,795
108	CAPITAL OUTLAYS											
109	OTHER EQUIPMENT	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
110	COMPUTER SOFTWARE	-	-	-	-	-	-	-	-	-	-	-
111	SUBTOTAL	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
112	SUBTOTAL-LOHMEYER REGIONAL PLANT MAINTENANCE	\$ 2,786,211	\$ 2,214,197	\$ 2,265,044	\$ 2,317,732	\$ 2,372,309	\$ 2,428,870	\$ 2,487,518	\$ 2,548,360	\$ 2,611,512	\$ 2,677,096	\$ 2,745,242
113	LOHMEYER REGIONAL PLANT OPERATIONS											
114	PERSONAL SERVICES											
115	PERMANENT SALARIES	\$ 876,717	\$ 919,494	\$ 942,481	\$ 966,043	\$ 990,194	\$ 1,014,949	\$ 1,040,323	\$ 1,066,331	\$ 1,092,989	\$ 1,120,314	\$ 1,148,322
116	VAC MGMT CONV	695	695	696	696	697	697	698	698	699	699	700
117	PAYROLL ACCRUAL	-	-	-	-	-	-	-	-	-	-	-
118	SICK CONV TO CASH	-	-	-	-	-	-	-	-	-	-	-
119	COMP ABSENCES	-	-	-	-	-	-	-	-	-	-	-
120	LONGEVITY PAY	15,942	16,163	16,567	16,981	17,406	17,841	18,287	18,744	19,213	19,693	20,185
121	LONGEVITY ACCR	-	-	-	-	-	-	-	-	-	-	-
122	ASSIGNMENT PAY	13,703	11,745	12,039	12,340	12,648	12,964	13,288	13,621	13,961	14,310	14,668
123	UPGRADE PAY	600	600	615	630	646	662	679	696	713	731	749
124	P&F INCENTIVE PAY	-	-	-	-	-	-	-	-	-	-	-
125	SHIFT DIFFERENTIAL	6,139	6,270	6,427	6,587	6,752	6,921	7,094	7,271	7,453	7,639	7,830
126	EXPENSE ALLOWANCES	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920	1,920
127	CELLPHONE ALLOWANCE	960	960	960	960	960	960	960	960	960	960	960
128	OVERTIME 1.5X PAY	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000
129	OVERTIME 1X PAY	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
130	SICK TERMINATION PAY	-	-	-	-	-	-	-	-	-	-	-
131	VACATION TERM PAY	-	-	-	-	-	-	-	-	-	-	-
132	OTHER TERM PAY	34,000	-	-	-	-	-	-	-	-	-	-
133	MILEAGE REIMBURSE	125	125	128	131	135	138	141	145	149	152	156
134	WELLNESS INCENTIVES	-	500	500	500	500	500	500	500	500	500	500
135	PHYSICAL EXAMS-MGMT	38	38	39	40	41	42	43	44	45	46	47
136	PENSION - GENERAL EMP	84,319	93,168	97,826	102,718	107,854	113,246	118,909	124,854	131,097	137,652	144,534
137	PENSION - DEF CONT	28,685	38,433	39,394	40,379	41,388	42,423	43,483	44,570	45,685	46,827	47,998
138	SOC SEC/MEDICARE	73,074	73,104	74,932	76,805	78,725	80,693	82,710	84,778	86,898	89,070	91,297
139	YEAR END FICA ACCR	-	-	-	-	-	-	-	-	-	-	-
140	HEALTH INSURANCE	144,136	119,907	129,500	139,860	151,048	163,132	176,183	190,277	205,500	221,939	239,695

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141 POST EMPLOYMENT HEALTH OBLIGATION	-	-	-	-	-	-	-	-	-	-	-
142 SUPPLEMENTAL FICA	4,743	4,743	4,862	4,983	5,108	5,235	5,366	5,500	5,638	5,779	5,923
143 SUBTOTAL	\$ 1,367,796	\$ 1,369,865	\$ 1,410,884	\$ 1,453,573	\$ 1,498,021	\$ 1,544,325	\$ 1,592,585	\$ 1,642,911	\$ 1,695,419	\$ 1,750,233	\$ 1,807,485
144 PERSONAL SERVICES EXECUTION PERCENTAGE	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
145 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 1,367,796	\$ 1,369,865	\$ 1,410,884	\$ 1,453,573	\$ 1,498,021	\$ 1,544,325	\$ 1,592,585	\$ 1,642,911	\$ 1,695,419	\$ 1,750,233	\$ 1,807,485
146 OPERATIONS											
147 OTHER PROF SERV	\$ 558,364	\$ 410,000	\$ 414,100	\$ 418,241	\$ 422,423	\$ 426,648	\$ 430,914	\$ 435,223	\$ 439,575	\$ 443,971	\$ 448,411
148 ACCT & AUDITING	5,433	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
149 MEDICAL SERVICES	250	250	253	255	258	260	263	265	268	271	273
150 COSTS/FEES/PERMITS	5,000	5,000	5,050	5,101	5,152	5,203	5,255	5,308	5,361	5,414	5,468
151 LAWN & TREE SERVICE	10,017	8,000	8,080	8,161	8,242	8,325	8,408	8,492	8,577	8,663	8,749
152 OTHER SERVICES	6,500	4,000	4,040	4,080	4,121	4,162	4,204	4,246	4,289	4,331	4,375
153 DISPOSAL (TIP) FEES	1,000	-	-	-	-	-	-	-	-	-	-
154 AD/MARKETING	5,000	5,000	5,050	5,101	5,152	5,203	5,255	5,308	5,361	5,414	5,468
155 PRIZES & AWARDS	-	-	-	-	-	-	-	-	-	-	-
156 SLUDGE DISPOSAL	1,800,000	1,800,000	1,818,000	1,836,180	1,854,542	1,873,087	1,891,818	1,910,736	1,929,844	1,949,142	1,968,633
157 OTHER EQUIP RENT	-	-	-	-	-	-	-	-	-	-	-
158 OFFICE EQUIP RENT	2,643	1,560	1,576	1,591	1,607	1,623	1,640	1,656	1,673	1,689	1,706
159 COMPONENTS/PARTS	4,283	4,283	4,326	4,369	4,413	4,457	4,501	4,546	4,592	4,638	4,684
160 EQUIP REP & MAINT	14,000	14,000	14,140	14,281	14,424	14,568	14,714	14,861	15,010	15,160	15,312
161 BLDG REP & MAINT	-	-	-	-	-	-	-	-	-	-	-
162 IMP REP & MAINT	-	-	-	-	-	-	-	-	-	-	-
163 TIRES	600	600	606	612	618	624	631	637	643	650	656
164 PRINTING SERV - EXT	-	-	-	-	-	-	-	-	-	-	-
165 ELECTRICITY	2,537,500	2,537,500	2,639,000	2,744,560	2,854,342	2,968,516	3,087,257	3,210,747	3,339,177	3,472,744	3,611,654
166 TELEPHONE/CABLE TV	400	-	-	-	-	-	-	-	-	-	-
167 WATER/SEW/STORM	338,713	338,713	342,100	345,521	348,976	352,466	355,991	359,551	363,146	366,778	370,445
168 CHLORINE	486,628	175,000	182,000	189,280	196,851	204,725	212,914	221,431	230,288	239,500	249,080
169 OTHER CHEMICALS	256,785	130,000	135,200	140,608	146,232	152,082	158,165	164,491	171,071	177,914	185,031
170 HYDROGEN PEROXIDE	663,897	365,000	379,600	394,784	410,575	426,998	444,078	461,841	480,315	499,528	519,509
171 POLYMERS	564,229	325,000	338,000	351,520	365,581	380,204	395,412	411,229	427,678	444,785	462,576
172 SODIUM HYDROXIDE	-	-	-	-	-	-	-	-	-	-	-
173 GASOLINE	965	1,038	1,080	1,123	1,168	1,214	1,263	1,313	1,366	1,421	1,477
174 DIESEL FUEL	5,057	-	-	-	-	-	-	-	-	-	-
175 PROCUREMENT CARD	-	-	-	-	-	-	-	-	-	-	-
176 DATA PROC SUPPLIES	-	-	-	-	-	-	-	-	-	-	-
177 ELECTRICAL SUPPLIES	65	-	-	-	-	-	-	-	-	-	-
178 JANITORIAL SUPPLIES	899	-	-	-	-	-	-	-	-	-	-
179 LABORATORY SUP	4,089	4,089	4,130	4,171	4,213	4,255	4,298	4,341	4,384	4,428	4,472
180 OFFICE EQUIP < \$5000	475	475	480	485	489	494	499	504	509	514	520
181 OFFICE SUPPLIES	447	447	451	456	461	465	470	474	479	484	489
182 SAFETY/TRAIN MAT	2,000	2,000	2,020	2,040	2,061	2,081	2,102	2,123	2,144	2,166	2,187
183 SAFETY SHOES	2,000	2,000	2,020	2,040	2,061	2,081	2,102	2,123	2,144	2,166	2,187
184 TOOLS/EQUIP < \$5000	81	81	82	83	83	84	85	86	87	88	89
185 UNIFORMS	2,000	2,000	2,020	2,040	2,061	2,081	2,102	2,123	2,144	2,166	2,187
186 OTHER SUPPLIES	1,365	1,365	1,379	1,392	1,406	1,420	1,435	1,449	1,463	1,478	1,493
187 DATA PROC SERV	-	-	-	-	-	-	-	-	-	-	-

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188 LEGAL SERVICES	-	-	-	-	-	-	-	-	-	-	-
189 SODIUM HYPOCHLORITE	-	-	-	-	-	-	-	-	-	-	-
190 CERTIFICATION TRAIN	500	500	505	510	515	520	526	531	536	541	547
191 CONFERENCES	13,000	13,000	13,130	13,261	13,394	13,528	13,663	13,800	13,938	14,077	14,218
192 MEETINGS	250	250	253	255	258	260	263	265	268	271	273
193 MEMBERSHIPS/DUES	200	200	202	204	206	208	210	212	214	217	219
194 SCHOOLS	428	428	432	437	441	445	450	454	459	463	468
195 RETIREE HEALTH BENE	14,000	8,000	8,080	8,161	8,242	8,325	8,408	8,492	8,577	8,663	8,749
196 OTHER CONTRIBUTIONS	-	12,428	-	-	-	-	-	-	-	-	-
197 SERVCHG-RADIO SHOP	-	-	-	-	-	-	-	-	-	-	-
198 SERVCHG-FLEET REPLACEMENT	3,780	-	-	-	-	-	-	-	-	-	-
199 SERVCHG-FLEET O&M	960	1,920	1,968	2,019	2,073	2,129	2,186	2,246	2,308	2,372	2,439
200 OVERHEAD-STORES	-	-	-	-	-	-	-	-	-	-	-
201 SERVCHG-PRINT SHOP	1,000	1,000	1,025	1,052	1,080	1,109	1,139	1,170	1,202	1,236	1,270
202 AUTO LIABILITY	228	-	-	-	-	-	-	-	-	-	-
203 FIDELITY BONDS	1	-	-	-	-	-	-	-	-	-	-
204 SUBTOTAL	\$ 7,315,031	\$ 6,177,127	\$ 6,332,375	\$ 6,505,974	\$ 6,685,721	\$ 6,871,854	\$ 7,064,620	\$ 7,264,276	\$ 7,471,091	\$ 7,685,341	\$ 7,907,317
205 OPERATION EXCUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
206 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 5,778,874	\$ 5,682,957	\$ 5,825,785	\$ 5,985,496	\$ 6,150,863	\$ 6,322,105	\$ 6,499,450	\$ 6,683,134	\$ 6,873,403	\$ 7,070,514	\$ 7,274,731
207 CAPITAL OUTLAYS											
208 OTHER EQUIPMENT	\$ 5,670	\$ 200,000	\$ 205,000	\$ 210,125	\$ 215,378	\$ 220,763	\$ 226,282	\$ 231,939	\$ 237,737	\$ 243,681	\$ 249,773
209 COMPUTER EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-
210 COMPUTER SOFTWARE	-	-	-	-	-	-	-	-	-	-	-
211 SUBTOTAL	\$ 5,670	\$ 200,000	\$ 205,000	\$ 210,125	\$ 215,378	\$ 220,763	\$ 226,282	\$ 231,939	\$ 237,737	\$ 243,681	\$ 249,773
212 SUBTOTAL-LOHMEYER REGIONAL PLANT OPERATIONS	\$ 7,152,340	\$ 7,252,822	\$ 7,441,670	\$ 7,649,195	\$ 7,864,263	\$ 8,087,193	\$ 8,318,316	\$ 8,557,983	\$ 8,806,559	\$ 9,064,427	\$ 9,331,989
213 LOHMEYER REGIONAL PLANT SUPPORT											
214 PERSONAL SERVICES											
215 PERMANENT SALARIES	\$ 91,171	\$ 93,338	\$ 95,671	\$ 98,063	\$ 100,515	\$ 103,028	\$ 105,603	\$ 108,243	\$ 110,950	\$ 113,723	\$ 116,566
216 VAC MGMT CONV	1,091	1,289	1,321	1,354	1,388	1,423	1,458	1,495	1,532	1,571	1,610
217 PAYROLL ACCRUAL	-	-	-	-	-	-	-	-	-	-	-
218 LONGEVITY PAY	846	987	1,012	1,037	1,063	1,089	1,117	1,145	1,173	1,203	1,233
219 UPGRADE PAY	-	-	-	-	-	-	-	-	-	-	-
220 EXPENSE ALLOWANCES	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,440
221 CELLPHONE ALLOWANCE	600	600	600	600	600	600	600	600	600	600	600
222 OVERTIME 1.5X PAY	-	-	-	-	-	-	-	-	-	-	-
223 MILEAGE REIMBURSE	122	122	125	128	131	135	138	141	145	149	152
224 WELLNESS INCENTIVES	500	500	500	500	500	500	500	500	500	500	500
225 PENSION - GENERAL EMP	20,090	22,988	24,137	25,344	26,611	27,942	29,339	30,806	32,346	33,964	35,662
226 SOC SEC/MEDICARE	7,150	7,326	7,509	7,697	7,889	8,087	8,289	8,496	8,708	8,926	9,149
227 YEAR END FICA ACCR	-	-	-	-	-	-	-	-	-	-	-
228 HEALTH INSURANCE	9,409	9,409	10,162	10,975	11,853	12,801	13,825	14,931	16,125	17,415	18,809
229 SUBTOTAL	\$ 132,419	\$ 137,999	\$ 142,478	\$ 147,138	\$ 151,991	\$ 157,044	\$ 162,309	\$ 167,797	\$ 173,520	\$ 179,490	\$ 185,721
230 PERSONAL SERVICES EXECUTION PERCENTAGE	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
231 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 132,419	\$ 137,999	\$ 142,478	\$ 147,138	\$ 151,991	\$ 157,044	\$ 162,309	\$ 167,797	\$ 173,520	\$ 179,490	\$ 185,721

REGIONAL SEWER SYSTEM APPENDIX A

Schedule 7 – Cash Out

Projection of Cash Outflows

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
232 OPERATIONS											
233 OTHER PROF SERV	\$ 16,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
234 LAWN & TREE SERVICE	7,016	2,000	2,020	2,040	2,061	2,081	2,102	2,123	2,144	2,166	2,187
235 OTHER SERVICES	-	-	-	-	-	-	-	-	-	-	-
236 OTHER EQUIP RENT	70	-	-	-	-	-	-	-	-	-	-
237 IMP REP MATERIALS	-	-	-	-	-	-	-	-	-	-	-
238 COMPONENTS/PARTS	-	-	-	-	-	-	-	-	-	-	-
239 TELEPHONE/CABLE TV	5,684	-	-	-	-	-	-	-	-	-	-
240 PROCUREMENT CARD	-	-	-	-	-	-	-	-	-	-	-
241 ELECTRICAL SUPPLIES	-	-	-	-	-	-	-	-	-	-	-
242 TOOLS/EQUIP < \$5000	-	-	-	-	-	-	-	-	-	-	-
243 OTHER SUPPLIES	-	-	-	-	-	-	-	-	-	-	-
244 RETIREE HEALTH BENE	4,800	4,800	4,848	4,896	4,945	4,995	5,045	5,095	5,146	5,198	5,250
245 SERVCHG-PARKS & REC	3,968	-	-	-	-	-	-	-	-	-	-
246 SERVCHG-RADIO SHOP	-	-	-	-	-	-	-	-	-	-	-
247 FIDELITY BONDS	305	-	-	-	-	-	-	-	-	-	-
248 WRITEOFF A/R & OTHER	-	-	-	-	-	-	-	-	-	-	-
249 SUBTOTAL	\$ 37,843	\$ 6,800	\$ 6,868	\$ 6,937	\$ 7,006	\$ 7,076	\$ 7,147	\$ 7,218	\$ 7,291	\$ 7,363	\$ 7,437
250 OPERATION EXECUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
251 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 29,896	\$ 6,256	\$ 6,319	\$ 6,382	\$ 6,446	\$ 6,510	\$ 6,575	\$ 6,641	\$ 6,707	\$ 6,774	\$ 6,842
252 SUBTOTAL-LOHMEYER REGIONAL PLANT MAINTENANCE	\$ 162,315	\$ 144,255	\$ 148,796	\$ 153,520	\$ 158,436	\$ 163,554	\$ 168,884	\$ 174,438	\$ 180,227	\$ 186,265	\$ 192,563
253 REGION GENERAL EXPENDITURES											
254 COSTS/FEES/PERMITS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
255 COMPONENTS/PARTS	-	-	-	-	-	-	-	-	-	-	-
256 EQUIP REP & MAINT	22,900	-	-	-	-	-	-	-	-	-	-
257 DIESEL FUEL	-	-	-	-	-	-	-	-	-	-	-
258 ELECTRICAL SUPPLIES	-	-	-	-	-	-	-	-	-	-	-
259 SERVCHG-PUB WORKS	550,000	550,000	563,632	578,457	593,818	609,739	626,243	643,358	661,110	679,529	698,645
260 INDIRECT ADMIN SERV	772,411	355,062	363,862	373,433	383,350	393,627	404,282	415,331	426,791	438,682	451,022
261 OVERHEAD-INTRADEPT	19,062	19,062	19,253	19,445	19,640	19,836	20,034	20,235	20,437	20,641	20,848
262 OVERHEAD-FLEET	27,958	5,822	5,880	5,939	5,998	6,058	6,119	6,180	6,242	6,304	6,367
263 SERVCHG-HUMAN RESOURCES	-	-	-	-	-	-	-	-	-	-	-
264 SERVCHG-CITY ATTY	-	-	-	-	-	-	-	-	-	-	-
265 SERVCHG-INFO SYS	509,945	149,835	153,549	157,587	161,772	166,109	170,606	175,268	180,104	185,122	190,330
266 SUBTOTAL	\$ 1,902,276	\$ 1,079,781	\$ 1,106,175	\$ 1,134,862	\$ 1,164,578	\$ 1,195,370	\$ 1,227,284	\$ 1,260,372	\$ 1,294,684	\$ 1,330,278	\$ 1,367,212
267 OPERATION EXECUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
268 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 1,502,798	\$ 993,399	\$ 1,017,681	\$ 1,044,073	\$ 1,071,412	\$ 1,099,740	\$ 1,129,101	\$ 1,159,542	\$ 1,191,110	\$ 1,223,856	\$ 1,257,835
269 CAPITAL OUTLAYS											
270 OTHER EQUIPMENT	-	6,215	6,370	6,530	6,693	6,860	7,032	7,207	7,388	7,572	7,762
271 SUBTOTAL	\$ -	\$ 6,215	\$ 6,370	\$ 6,530	\$ 6,693	\$ 6,860	\$ 7,032	\$ 7,207	\$ 7,388	\$ 7,572	\$ 7,762
272 SUBTOTAL-REGION GENERAL EXPENDITURES	\$ 162,315	\$ 150,470	\$ 155,167	\$ 160,050	\$ 165,129	\$ 170,414	\$ 175,916	\$ 181,646	\$ 187,615	\$ 193,837	\$ 200,325

REGIONAL SEWER SYSTEM

APPENDIX A

Schedule 7 – Cash Out

Projection of Cash Outflows

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
273 SLUDGE COMPOSTING OPERATIONS											
274 COSTS/FEES/PERMITS	\$ 7,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
275 LAWN & TREE SERVICE	1,000	1,000	1,010	1,020	1,030	1,041	1,051	1,062	1,072	1,083	1,094
276 ELECTRICITY	500	500	520	541	562	585	608	633	658	684	712
277 TELEPHONE/CABLE TV	500	-	-	-	-	-	-	-	-	-	-
278 WATER/SEW/STORM	39,939	-	-	-	-	-	-	-	-	-	-
279 SUBTOTAL SLUDGE COMPOSTING OPERATIONS	\$ 48,939	\$ 1,500	\$ 1,530	\$ 1,561	\$ 1,593	\$ 1,626	\$ 1,659	\$ 1,694	\$ 1,730	\$ 1,767	\$ 1,805
280 OPERATION EXECUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
281 SUBTOTAL AT EXECUTION PERCENTAGE	\$ 38,662	\$ 1,380	\$ 1,408	\$ 1,436	\$ 1,465	\$ 1,495	\$ 1,527	\$ 1,559	\$ 1,592	\$ 1,626	\$ 1,661
282 DEBT SERVICE											
283 OTHER DEBT COSTS	\$ -	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
284 SUBTOTAL DEBT SERVICE	\$ -	\$ 750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
285 OPERATION EXECUTION PERCENTAGE	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
286 SUBTOTAL AT EXECUTION PERCENTAGE	\$ -	\$ 690	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
287 TRANSFERS											
288 TR TO CIP SUBFUND	\$ 3,714,506	\$ 5,288,711	\$ 5,412,268	\$ 5,425,863	\$ 5,374,109	\$ 5,371,436	\$ 5,303,870	\$ 5,504,943	\$ 5,392,169	\$ 5,278,392	\$ 5,331,659
289 TR TO SPECIAL OBLIGATION BONDS	194,530	174,241	174,234	174,226	174,235	174,216	175,046	177,646	186,310	186,323	186,378
290 SUBTOTAL-TRANSFERS	\$ 3,909,036	\$ 5,462,952	\$ 5,586,502	\$ 5,600,089	\$ 5,548,344	\$ 5,545,652	\$ 5,478,916	\$ 5,682,589	\$ 5,578,479	\$ 5,464,715	\$ 5,518,037
291 DEBT SERVICE											
292 Series 2012	\$ 174,359	\$ 256,959	\$ 257,088	\$ 256,952	\$ 257,153	\$ 257,625	\$ 257,874	\$ 258,016	\$ 258,171	\$ 258,509	\$ 258,637
293 SRF Loan - WW474420	\$ 652,530	\$ 620,400	\$ 619,618	\$ 618,819	\$ 618,002	\$ 617,167	\$ 616,312	\$ 615,439	\$ 614,546	\$ 613,632	\$ 612,698
294 SRF Loan - WW474410	\$ 795,279	\$ 567,044	\$ 578,083	\$ 638,419	\$ 646,461	\$ 654,690	\$ 663,108	\$ 671,719	\$ 680,530	\$ 689,544	\$ 698,766
295 2011 Project - SRF LOAN	\$ 120,587	\$ 117,225	\$ 117,082	\$ 116,934	\$ 116,782	\$ 116,626	\$ 116,465	\$ 116,299	\$ 116,129	\$ 115,954	\$ 115,773
296 SRF Loan - WW47439L-01	\$ 370,474	\$ 360,393	\$ 359,922	\$ 359,438	\$ 358,940	\$ 358,429	\$ 357,903	\$ 357,363	\$ 356,809	\$ 356,238	\$ 355,652
297 SUBTOTAL-DEBT SERVICE	\$ 2,113,230	\$ 1,922,021	\$ 1,931,793	\$ 1,990,562	\$ 1,997,338	\$ 2,004,536	\$ 2,011,662	\$ 2,018,837	\$ 2,026,184	\$ 2,033,877	\$ 2,041,526
298 SPECIAL ITEMS											
299 ESTIMATED TRUE UP PAYMENT	-	-	-	-	-	-	-	-	-	-	-
300 ROI ADMIN CHG	3,058,317	3,128,931	3,277,732	3,555,204	3,867,748	4,135,928	4,364,263	4,528,781	4,816,609	4,953,679	5,079,111
301 SUBTOTAL-SPECIAL ITEMS	\$ 3,058,317	\$ 3,128,931	\$ 3,277,732	\$ 3,555,204	\$ 3,867,748	\$ 4,135,928	\$ 4,364,263	\$ 4,528,781	\$ 4,816,609	\$ 4,953,679	\$ 5,079,111

REGIONAL SEWER SYSTEM
APPENDIX A

Schedule 7 – Cash Out

Projection of Cash Outflows

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
302 <u>Totals by Category</u>											
303 Personnel Services	\$ 2,676,174	\$ 2,785,239	\$ 2,871,042	\$ 2,960,326	\$ 3,053,273	\$ 3,150,082	\$ 3,250,960	\$ 3,356,130	\$ 3,465,830	\$ 3,580,313	\$ 3,699,849
304 Operating	\$11,361,704	\$ 8,715,987	\$ 8,913,779	\$ 9,133,280	\$ 9,360,236	\$ 9,594,937	\$ 9,837,686	\$10,088,797	\$10,348,599	\$10,617,433	\$10,895,656
305 Capital Outlay	\$ 205,670	\$ 206,215	\$ 211,370	\$ 216,655	\$ 222,071	\$ 227,623	\$ 233,313	\$ 239,146	\$ 245,125	\$ 251,253	\$ 257,534
306 Transfers	\$ 3,909,036	\$ 5,462,952	\$ 5,586,502	\$ 5,600,089	\$ 5,548,344	\$ 5,545,652	\$ 5,478,916	\$ 5,682,589	\$ 5,578,479	\$ 5,464,715	\$ 5,518,037
307 Debt Service	\$ 2,113,230	\$ 1,922,021	\$ 1,931,793	\$ 1,990,562	\$ 1,997,338	\$ 2,004,536	\$ 2,011,662	\$ 2,018,837	\$ 2,026,184	\$ 2,033,877	\$ 2,041,526
308 Special Items	\$ 3,058,317	\$ 3,128,931	\$ 3,277,732	\$ 3,555,204	\$ 3,867,748	\$ 4,135,928	\$ 4,364,263	\$ 4,528,781	\$ 4,816,609	\$ 4,953,679	\$ 5,079,111
309 <u>Execution Percentages</u>											
310 Personnel Services	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
311 Operating	79%	92%	92%	92%	92%	92%	92%	92%	92%	92%	92%
312 Capital Outlay	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
313 Transfers	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
314 Debt Service	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
315 Special Items	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
316 <u>Totals by Category</u>											
317 Personnel Services	\$ 2,676,174	\$ 2,785,239	\$ 2,871,042	\$ 2,960,326	\$ 3,053,273	\$ 3,150,082	\$ 3,250,960	\$ 3,356,130	\$ 3,465,830	\$ 3,580,313	\$ 3,699,849
318 Operating	\$ 8,975,746	\$ 8,018,708	\$ 8,200,676	\$ 8,402,617	\$ 8,611,417	\$ 8,827,342	\$ 9,050,671	\$ 9,281,694	\$ 9,520,711	\$ 9,768,039	\$10,024,003
319 Capital Outlay	\$ 205,670	\$ 206,215	\$ 211,370	\$ 216,655	\$ 222,071	\$ 227,623	\$ 233,313	\$ 239,146	\$ 245,125	\$ 251,253	\$ 257,534
320 Transfers	\$ 3,909,036	\$ 5,462,952	\$ 5,586,502	\$ 5,600,089	\$ 5,548,344	\$ 5,545,652	\$ 5,478,916	\$ 5,682,589	\$ 5,578,479	\$ 5,464,715	\$ 5,518,037
321 Debt Service	\$ 2,113,230	\$ 1,922,021	\$ 1,931,793	\$ 1,990,562	\$ 1,997,338	\$ 2,004,536	\$ 2,011,662	\$ 2,018,837	\$ 2,026,184	\$ 2,033,877	\$ 2,041,526
322 Special Items	\$ 3,058,317	\$ 3,128,931	\$ 3,277,732	\$ 3,555,204	\$ 3,867,748	\$ 4,135,928	\$ 4,364,263	\$ 4,528,781	\$ 4,816,609	\$ 4,953,679	\$ 5,079,111
323 TOTAL CASH OUTFLOWS	\$20,938,173	\$21,524,066	\$22,079,115	\$22,725,453	\$23,300,191	\$23,891,162	\$24,389,785	\$25,107,177	\$25,652,938	\$26,051,876	\$26,620,060

Schedule 8 – Cash In

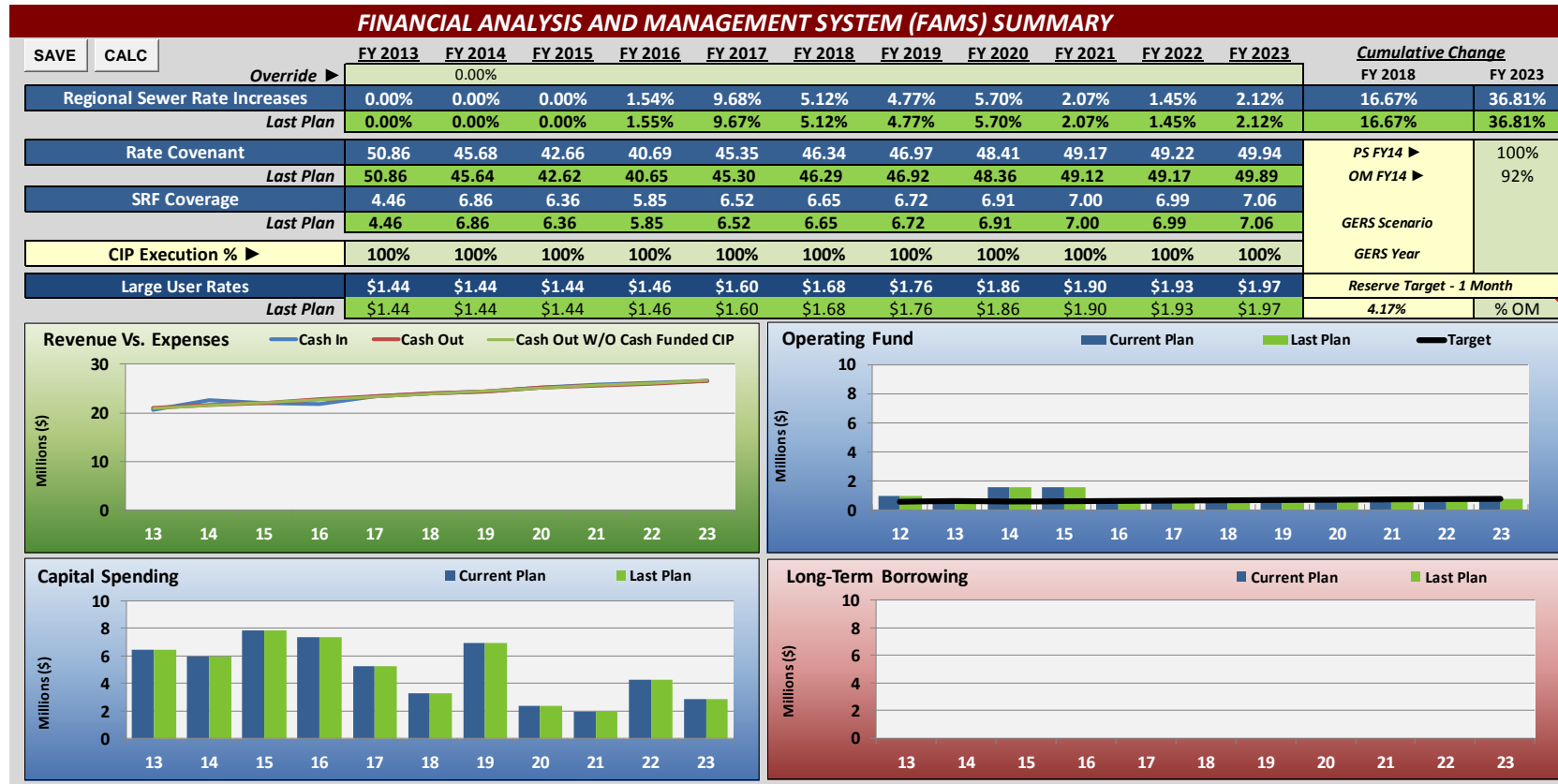
Projection of Cash Inflows

	FY 2013 (1)	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
1 Rate Revenue Growth Assumptions											
2 Total Volume MGD											
3 Growth in Volume (2)	N/A	9.73%	-2.34%	-2.39%	-2.45%	-2.51%	-2.58%	-2.65%	0.00%	0.00%	0.00%
4 Assumed Rate Revenue Increases											
5 Assumed Large User Sewer Fees Rate Increase	N/A	0.00%	0.00%	1.56%	9.65%	5.12%	4.77%	5.70%	2.07%	1.45%	2.12%
6 FORT LAUDERDALE	\$16,373,510	\$17,967,312	\$18,268,044	\$18,109,380	\$19,370,944	\$19,851,635	\$20,263,081	\$20,851,387	\$21,282,689	\$21,590,885	\$22,048,911
7 OAKLAND PARK	3,183,382	3,493,254	10,246,476	10,157,482	10,865,089	11,134,706	11,365,485	11,695,464	11,937,380	12,110,246	12,367,150
8 TAMARAC	110,903	121,698	733,561	727,190	777,849	797,151	813,673	837,297	854,616	866,992	885,384
9 DAVIE	20,714	22,731	121,624	120,568	128,967	132,167	134,906	138,823	141,695	143,746	146,796
10 WILTON MANORS	808,516	887,218	866,485	858,959	918,797	941,597	961,113	989,017	1,009,475	1,024,093	1,045,818
11 LARGE USER RATE REVENUE	\$20,497,025	\$22,492,213	\$30,236,190	\$29,973,579	\$32,061,646	\$32,857,257	\$33,538,258	\$34,511,988	\$35,225,854	\$35,735,962	\$36,494,059
12 Other Non-Operating Revenues											
13 MISCELLANEOUS INCOME	\$ 6,000	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509	\$ 17,509
14 INTREST EARNED ON UNRESTRICTED RESERVES	\$ 14,903	\$ 25,703	\$ 50,032	\$ 23,320	\$ 10,019	\$ 21,592	\$ 24,326	\$ 32,223	\$ 65,278	\$ 87,531	\$ 105,051
15 INTREST EARNED ON RESTRICTED RESERVES	\$ 1,419	\$ 2,839	\$ 5,677	\$ 5,677	\$ 5,677	\$ 5,677	\$ 5,677	\$ 5,677	\$ 5,677	\$ 5,677	\$ 5,677
16 Total Other Operating Revenue	\$ 22,323	\$ 46,051	\$ 73,218	\$ 46,506	\$ 33,205	\$ 44,778	\$ 47,513	\$ 55,409	\$ 88,464	\$ 110,718	\$ 128,238
17 Total Revenue	\$20,519,348	\$22,538,264	\$30,309,408	\$30,020,085	\$32,094,851	\$32,902,035	\$33,585,771	\$34,567,397	\$35,314,319	\$35,846,680	\$36,622,297

(1) 2013 revenue is based off an estimate based off of the YTD actual results at the time of analysis

(2) 2014 growth in MDG is used to base line the model to recent historical trends, followed by a return to normal conditions in 2015-2023

FAMS - Control Panel



Forecast of Net Revenues and Debt Service Coverage

		FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
1	TOTAL RATE REVENUE											
2	Large User Sewer Fees	\$20,497,025	\$20,497,025	\$22,492,212	\$21,966,612	\$21,775,825	\$23,292,807	\$23,870,819	\$24,365,567	\$25,072,982	\$25,591,607	\$25,962,201
3	ADDITIONAL RATE REVENUE FROM PARTIAL PY RATE INCREASE	-	-	-	-	-	-	-	-	-	-	-
4	ADDITIONAL REVENUE FROM GROWTH	-	1,995,187	(525,600)	(525,600)	(533,808)	(585,343)	(615,332)	(644,704)	-	-	-
5	WEATHER NORMALIZATION AND OTHER ADJUSTMENTS	-	-	-	-	-	-	-	-	-	-	-
6	SUBTOTAL: BASE REVENUE WITH GROWTH	\$20,497,025	\$22,492,212	\$21,966,612	\$21,441,012	\$21,242,018	\$22,707,464	\$23,255,487	\$23,720,863	\$25,072,982	\$25,591,607	\$25,962,201
7	WEIGHTED AVERAGE RATE INCREASE	0.0%	0.0%	0.0%	1.6%	9.7%	5.1%	4.8%	5.7%	2.1%	1.4%	2.1%
8	ADDITIONAL RATE REVENUE FROM RATE INCREASE	-	-	-	334,813	2,050,790	1,163,355	1,110,080	1,352,119	518,625	370,594	550,758
9	PRICE ELASTICITY ADJUSTMENT	-	-	-	-	-	-	-	-	-	-	-
10	TOTAL RATE REVENUE	\$20,497,025	\$22,492,212	\$21,966,612	\$21,775,825	\$23,292,807	\$23,870,819	\$24,365,567	\$25,072,982	\$25,591,607	\$25,962,201	\$26,512,959
11	PLUS: OTHER OPERATING REVENUE	6,000	17,509	17,509	17,509	17,509	17,509	17,509	17,509	17,509	17,509	17,509
12	EQUALS: TOTAL OPERATING REVENUE	\$20,503,025	\$22,509,721	\$21,984,121	\$21,793,334	\$23,310,316	\$23,888,328	\$24,383,076	\$25,090,491	\$25,609,116	\$25,979,710	\$26,530,468
13	LESS: OPERATING EXPENSES											
14	PERSONAL SERVICES	\$ (2,676,174)	\$ (2,785,239)	\$ (2,871,042)	\$ (2,960,326)	\$ (3,053,273)	\$ (3,150,082)	\$ (3,250,960)	\$ (3,356,130)	\$ (3,465,830)	\$ (3,580,313)	\$ (3,699,849)
15	O&M	(8,975,746)	(8,018,708)	(8,200,676)	(8,402,617)	(8,611,417)	(8,827,342)	(9,050,671)	(9,281,694)	(9,520,711)	(9,768,039)	(10,024,003)
16	EQUALS: NET OPERATING INCOME	\$ 8,851,105	\$11,705,774	\$10,912,403	\$10,430,391	\$11,645,626	\$11,910,904	\$12,081,445	\$12,452,668	\$12,622,574	\$12,631,358	\$12,806,615
17	PLUS: NON-OPERATING INCOME/(EXPENSE)											
18	INTEREST	\$ 16,323	\$ 28,542	\$ 55,709	\$ 28,997	\$ 15,696	\$ 27,269	\$ 30,004	\$ 37,900	\$ 70,955	\$ 93,209	\$ 110,729
19	Equals: Net Income	\$ 8,867,428	\$11,734,316	\$10,968,112	\$10,459,388	\$11,661,322	\$11,938,174	\$12,111,449	\$12,490,568	\$12,693,530	\$12,724,567	\$12,917,344
20	LESS: REVENUES EXCLUDED FROM COVERAGE TEST											
20	TRANSFERS IN	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21	EQUALS: NET INCOME AVAILABLE FOR DEBT SERVICE	\$ 8,867,428	\$11,734,316	\$10,968,112	\$10,459,388	\$11,661,322	\$11,938,174	\$12,111,449	\$12,490,568	\$12,693,530	\$12,724,567	\$12,917,344
22	Debt Service Coverage Test											
22	EXISTING AND NEW DEBT SERVICE FOR COVERAGE TEST											
23	Existing Senior Lien Debt	\$ 174,359	\$ 256,959	\$ 257,088	\$ 256,952	\$ 257,153	\$ 257,625	\$ 257,874	\$ 258,016	\$ 258,171	\$ 258,509	\$ 258,637
23	New Senior Lien Debt - Input	-	-	-	-	-	-	-	-	-	-	-
24	Cumulative New Senior Lien Debt - As Calculated	-	-	-	-	-	-	-	-	-	-	-
24	Total Senior Lien Debt Service	Req. \$ 174,359	\$ 256,959	\$ 257,088	\$ 256,952	\$ 257,153	\$ 257,625	\$ 257,874	\$ 258,016	\$ 258,171	\$ 258,509	\$ 258,637
25	Calculated Debt Service Coverage (Test I)	1.25	50.86	45.67	42.66	40.71	45.35	46.34	46.97	48.41	49.17	49.94
25	Calculated Debt Service Coverage (Test II)	1.30	50.86	45.67	42.66	40.71	45.35	46.34	46.97	48.41	49.17	49.94
26	SRF DEBT SERVICE											
27	NET INCOME AVAILABLE FOR DEBT SERVICE	\$ 8,867,428	\$11,734,316	\$10,968,112	\$10,459,388	\$11,661,322	\$11,938,174	\$12,111,449	\$12,490,568	\$12,693,530	\$12,724,567	\$12,917,344
28	LESS: TOTAL CONVENTIONAL DEBT SERVICE & COVERAGE	(217,949)	(321,199)	(321,360)	(321,190)	(321,441)	(322,031)	(322,343)	(322,520)	(322,714)	(323,136)	(323,296)
29	EQUALS: NET INCOME AVAILABLE FOR SRF DEBT SERVICE	\$ 8,649,479	\$11,413,118	\$10,646,752	\$10,138,198	\$11,339,882	\$11,616,142	\$11,789,106	\$12,168,048	\$12,370,816	\$12,401,431	\$12,594,048
30	TOTAL SRF DEBT SERVICE	Req. \$ 1,938,871	\$ 1,665,062	\$ 1,674,705	\$ 1,733,609	\$ 1,740,186	\$ 1,746,911	\$ 1,753,788	\$ 1,760,821	\$ 1,768,013	\$ 1,775,368	\$ 1,782,890
31	CALCULATED SRF DEBT COVERAGE (LINE 65/LINE 67)	1.15	4.46	6.85	6.36	5.85	6.52	6.65	6.72	6.91	7.00	7.06

Forecast of Net Revenues and Debt Service Coverage

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
32 Cash Flow Test											
33 Net Income Available For Debt Service	\$ 8,867,428	\$11,734,316	\$10,968,112	\$10,459,388	\$11,661,322	\$11,938,174	\$12,111,449	\$12,490,568	\$12,693,530	\$12,724,567	\$12,917,344
34 Less: Non-Operating Expenditures											
35 Net Interfund Transfers (In - Out)	(294,530)	(174,241)	(174,234)	(174,226)	(174,235)	(174,216)	(175,046)	(177,646)	(186,310)	(186,323)	(186,378)
36 Net Debt Service Payment (Debt Service - Benefit Fee Payment)	(2,113,230)	(1,922,021)	(1,931,793)	(1,990,562)	(1,997,338)	(2,004,536)	(2,011,662)	(2,018,837)	(2,026,184)	(2,033,877)	(2,041,526)
37 Other Below The Line Expenses	(3,058,317)	(3,128,931)	(3,277,732)	(3,555,204)	(3,867,748)	(4,135,928)	(4,364,263)	(4,528,781)	(4,816,609)	(4,953,679)	(5,079,111)
38 Capital Outlay	(205,670)	(206,215)	(211,370)	(216,655)	(222,071)	(227,623)	(233,313)	(239,146)	(245,125)	(251,253)	(257,534)
39 Renewal & Replacement Transfer	(3,614,506)	(5,288,711)	(5,412,268)	(5,425,863)	(5,374,109)	(5,371,436)	(5,303,870)	(5,504,943)	(5,392,169)	(5,278,392)	(5,331,659)
40 Net Cash Flow	\$ (418,826)	\$ 1,014,197	\$ (39,284)	\$ (903,121)	\$ 25,821	\$ 24,435	\$ 23,294	\$ 21,214	\$ 27,133	\$ 21,043	\$ 21,136
41 Unrestricted Reserve Fund Test											
42 Balance At Beginning Of Fiscal Year	\$ 984,910	\$ 566,085	\$ 1,580,282	\$ 1,540,997	\$ 637,876	\$ 663,698	\$ 688,133	\$ 711,427	\$ 732,642	\$ 759,774	\$ 780,817
43 Cash Flow Surplus/(Deficit)	(63,517)	1,014,197	-	-	25,821	24,435	23,294	21,214	27,133	21,043	21,136
44 Reserve Fund Balance Used For Cash Flow Deficit	(355,309)	-	(39,284)	(903,121)	-	-	-	-	-	-	-
45 Projects Designated To Be Paid With Cash	-	-	-	-	-	-	-	-	-	-	-
46 Projects Paid With Reserve Funds (Non Specified Funds)	-	-	-	-	-	-	-	-	-	-	-
47 Balance At End Of Fiscal Year	\$ 566,085	\$ 1,580,282	\$ 1,540,997	\$ 637,876	\$ 663,698	\$ 688,133	\$ 711,427	\$ 732,642	\$ 759,774	\$ 780,817	\$ 801,953
48 Minimum Working Capital Reserve Target	\$ 629,602	\$ 596,389	\$ 613,961	\$ 637,876	\$ 663,698	\$ 688,133	\$ 711,427	\$ 732,642	\$ 759,774	\$ 780,817	\$ 801,953
49 Excess/(Deficiency) Of Working Capital To Target	\$ (63,517)	\$ 983,893	\$ 927,037	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Capital Project Funding Summary

FINAL CAPITAL PROJECTS FUNDING SOURCES	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
CAPITAL PROJECTS FUND	\$2,850,394	\$ 116,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
REPLACEMENT AND IMPROVEMENT	\$3,614,506	\$5,804,004	\$7,868,145	\$7,369,981	\$5,212,865	\$3,268,325	\$6,907,858	\$2,366,145	\$1,968,300	\$4,299,713	\$ 2,848,593
REVENUE FUND	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SRF PROCEEDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
DEBT PROCEEDS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROJECTS DESIGNATED TO BE PAID WITH CASH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL PROJECTS PAID	\$6,464,900	\$5,920,004	\$7,868,145	\$7,369,981	\$5,212,865	\$3,268,325	\$6,907,858	\$2,366,145	\$1,968,300	\$4,299,713	\$ 2,848,593
TOTAL CIP INPUT	\$6,464,900	\$5,920,004	\$7,868,145	\$7,369,981	\$5,212,865	\$3,268,325	\$6,907,858	\$2,366,145	\$1,968,300	\$4,299,713	\$ 2,848,593
VARIANCE	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

REGIONAL SEWER SYSTEM
APPENDIX A

Schedule 12 – Funding Detail

Funding Summary by Fund

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
1 CAPITAL PROJECTS FUND											
2 BALANCE AT BEGINNING OF FISCAL YEAR	\$ 4,835,786	\$ 2,094,044	\$ 1,988,225	\$ 2,008,107	\$ 2,028,188	\$ 2,048,470	\$ 2,068,955	\$ 2,089,644	\$ 2,110,541	\$ 2,131,646	\$ 2,152,962
3 ADDITIONAL ANNUAL REVENUES	100,000	-	-	-	-	-	-	-	-	-	-
4 LESS: PAYMENT OF DEBT SERVICE	-	-	-	-	-	-	-	-	-	-	-
5 SUBTOTAL	\$ 4,935,786	\$ 2,094,044	\$ 1,988,225	\$ 2,008,107	\$ 2,028,188	\$ 2,048,470	\$ 2,068,955	\$ 2,089,644	\$ 2,110,541	\$ 2,131,646	\$ 2,152,962
6 LESS: RESTRICTED FUNDS	-	-	-	-	-	-	-	-	-	-	-
7 TOTAL AMOUNT AVAILABLE FOR PROJECTS	\$ 4,935,786	\$ 2,094,044	\$ 1,988,225	\$ 2,008,107	\$ 2,028,188	\$ 2,048,470	\$ 2,068,955	\$ 2,089,644	\$ 2,110,541	\$ 2,131,646	\$ 2,152,962
8 AMOUNT PAID FOR PROJECTS	(2,850,394)	(116,000)	-	-	-	-	-	-	-	-	-
9 SUBTOTAL	\$ 2,085,393	\$ 1,978,044	\$ 1,988,225	\$ 2,008,107	\$ 2,028,188	\$ 2,048,470	\$ 2,068,955	\$ 2,089,644	\$ 2,110,541	\$ 2,131,646	\$ 2,152,962
10 ADD BACK: RESTRICTED FUNDS	-	-	-	-	-	-	-	-	-	-	-
11 PLUS: INTEREST EARNINGS	8,651	10,180	19,882	20,081	20,282	20,485	20,690	20,896	21,105	21,316	21,530
12 LESS: INTEREST ALLOCATED TO CASH FLOW	-	-	-	-	-	-	-	-	-	-	-
13 BALANCE AT END OF FISCAL YEAR	\$ 2,094,044	\$ 1,988,225	\$ 2,008,107	\$ 2,028,188	\$ 2,048,470	\$ 2,068,955	\$ 2,089,644	\$ 2,110,541	\$ 2,131,646	\$ 2,152,962	\$ 2,174,492
14 REPLACEMENT AND IMPROVEMENT											
15 BALANCE AT BEGINNING OF FISCAL YEAR	\$ 5,185,768	\$ 5,185,768	\$ 4,670,475	\$ 2,214,598	\$ 270,480	\$ 431,724	\$ 2,534,835	\$ 930,847	\$ 4,069,645	\$ 7,493,514	\$ 8,472,193
16 ADDITIONAL ANNUAL REVENUES	3,614,506	5,288,711	5,412,268	5,425,863	5,374,109	5,371,436	5,303,870	5,504,943	5,392,169	5,278,392	5,331,659
17 LESS: PAYMENT OF DEBT SERVICE	-	-	-	-	-	-	-	-	-	-	-
18 SUBTOTAL	\$ 8,800,274	\$ 10,474,479	\$ 10,082,743	\$ 7,640,461	\$ 5,644,589	\$ 5,803,160	\$ 7,838,705	\$ 6,435,790	\$ 9,461,814	\$ 12,771,906	\$ 13,803,852
19 LESS: RESTRICTED FUNDS	-	-	-	-	-	-	-	-	-	-	-
20 TOTAL AMOUNT AVAILABLE FOR PROJECTS	\$ 8,800,274	\$ 10,474,479	\$ 10,082,743	\$ 7,640,461	\$ 5,644,589	\$ 5,803,160	\$ 7,838,705	\$ 6,435,790	\$ 9,461,814	\$ 12,771,906	\$ 13,803,852
21 AMOUNT PAID FOR PROJECTS	(3,614,506)	(5,804,004)	(7,868,145)	(7,369,981)	(5,212,865)	(3,268,325)	(6,907,858)	(2,366,145)	(1,968,300)	(4,299,713)	(2,848,593)
22 SUBTOTAL	\$ 5,185,768	\$ 4,670,475	\$ 2,214,598	\$ 270,480	\$ 431,724	\$ 2,534,835	\$ 930,847	\$ 4,069,645	\$ 7,493,514	\$ 8,472,193	\$ 10,955,259
23 ADD BACK: RESTRICTED FUNDS	-	-	-	-	-	-	-	-	-	-	-
24 PLUS: INTEREST EARNINGS	12,964	24,641	34,425	12,425	3,511	14,833	17,328	25,002	57,816	79,829	97,137
25 LESS: INTEREST ALLOCATED TO CASH FLOW	(12,964)	(24,641)	(34,425)	(12,425)	(3,511)	(14,833)	(17,328)	(25,002)	(57,816)	(79,829)	(97,137)
26 BALANCE AT END OF FISCAL YEAR	\$ 5,185,768	\$ 4,670,475	\$ 2,214,598	\$ 270,480	\$ 431,724	\$ 2,534,835	\$ 930,847	\$ 4,069,645	\$ 7,493,514	\$ 8,472,193	\$ 10,955,259
27 REVENUE FUND											
28 BALANCE AT BEGINNING OF FISCAL YEAR	\$ 984,910	\$ 566,085	\$ 1,580,282	\$ 1,540,997	\$ 637,876	\$ 663,698	\$ 688,133	\$ 711,427	\$ 732,642	\$ 759,774	\$ 780,817
29 ADDITIONAL ANNUAL REVENUES	(418,826)	1,014,197	(39,284)	(903,121)	25,821	24,435	23,294	21,214	27,133	21,043	21,136
30 LESS: CASH-FUNDED CAPITAL PROJECTS	-	-	-	-	-	-	-	-	-	-	-
31 LESS: PAYMENT OF DEBT SERVICE	-	-	-	-	-	-	-	-	-	-	-
32 SUBTOTAL	\$ 566,085	\$ 1,580,282	\$ 1,540,997	\$ 637,876	\$ 663,698	\$ 688,133	\$ 711,427	\$ 732,642	\$ 759,774	\$ 780,817	\$ 801,953
33 LESS: RESTRICTED FUNDS	(566,085)	(596,389)	(613,961)	(637,876)	(663,698)	(688,133)	(711,427)	(732,642)	(759,774)	(780,817)	(801,953)
34 TOTAL AMOUNT AVAILABLE FOR PROJECTS	\$ -	\$ 983,893	\$ 927,037	\$ -	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -
35 AMOUNT PAID FOR PROJECTS	-	-	-	-	-	-	-	-	-	-	-
36 SUBTOTAL	\$ -	\$ 983,893	\$ 927,037	\$ -	\$ -	\$ 0	\$ 0	\$ -	\$ -	\$ -	\$ -
37 ADD BACK: RESTRICTED FUNDS	566,085	596,389	613,961	637,876	663,698	688,133	711,427	732,642	759,774	780,817	801,953
38 PLUS: INTEREST EARNINGS	1,939	5,366	15,606	10,894	6,508	6,759	6,998	7,220	7,462	7,703	7,914
39 LESS: INTEREST ALLOCATED TO CASH FLOW	(1,939)	(5,366)	(15,606)	(10,894)	(6,508)	(6,759)	(6,998)	(7,220)	(7,462)	(7,703)	(7,914)
40 BALANCE AT END OF FISCAL YEAR	\$ 566,085	\$ 1,580,282	\$ 1,540,997	\$ 637,876	\$ 663,698	\$ 688,133	\$ 711,427	\$ 732,642	\$ 759,774	\$ 780,817	\$ 801,953

BURTON & ASSOCIATES

Utility Rates • Assessments • Financial Planning

City of Fort Lauderdale

Final Report

Funding Summary by Fund

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
41 RESTRICTED RESERVES											
42 BALANCE AT BEGINNING OF FISCAL YEAR	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746
43 ADDITIONAL FUNDS:	-	-	-	-	-	-	-	-	-	-	-
44 DEBT SERVICE RESERVE ON NEW DEBT	-	-	-	-	-	-	-	-	-	-	-
45 OTHER ADDITIONAL FUNDS	-	-	-	-	-	-	-	-	-	-	-
46 SUBTOTAL	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746
47 PLUS: INTEREST EARNINGS	1,419	2,839	5,677	5,677	5,677	5,677	5,677	5,677	5,677	5,677	5,677
48 LESS: INTEREST ALLOCATED TO CASH FLOW	(1,419)	(2,839)	(5,677)	(5,677)	(5,677)	(5,677)	(5,677)	(5,677)	(5,677)	(5,677)	(5,677)
49 BALANCE AT END OF FISCAL YEAR	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746	\$ 567,746